

**Amendments to the Specification**

Please ~~replace~~ the paragraph beginning at page 4, line 12 with the following **rewritten** paragraph:

-- FIG. 1 depicts an infrared (IR) signal receiver system 100. Specifically, a remote control device 102 transmits at least one IR signal packet 110 to an IR receiver 104. The remote control device 102 comprises a processing unit 120, memory 124, modulator 122, and support circuits 128 for collectively generating infrared pulsed for emission through a light emitting diode (LED) 130. In particular, each packetized IR signal 110 is generated via the remote control device 102 such as an IR keyboard or pointing device. The processing unit 120 of the remote control device 102 is capable of providing a stream of bits that are modulated by 5 pulse position modulation software 126 via the modulator 122. In a preferred embodiment, the carrier frequency is 56.875 KHz. The modulated IR signal is then transmitted via the LED 130 to IR receiver 104. The IR receiver comprises an IR port 132, demodulator 134, receiver processing unit 136, memory 138, support circuits 139, and a decoder 140. In particular, the IR packet is received by the IR port 132 for demodulation in the demodulator 134. The demodulated signal i.e., baseband signal is then processed by the receiver processing unit 136, memory 138, support circuits 139, and decoder 140, and then displayed on an output device such as a monitor (not shown) coupled to the IR receiver 104.--

Please ~~replace~~ the paragraph beginning at page 6, line 6 with the following **rewritten** paragraph:

-- The second byte 202<sub>2</sub> of the header portion 203 comprises a second portion of the plurality of fields 207. The mode field 210 comprises four bits 204<sub>1-4</sub> and is utilized to set the payload type. Such modes include designations for a keyboard, basic pointing device, a precision pointing device, and the like. Such designations typically include mode 1 as the keyboard, mode 2 as the pointing device, and mode 3 as the precision pointing device. The mode field 210 allows a decoder in an IR receiver to route a packet without completely decoding the

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Cncd  
payload. The power field 212 is the fifth most significant bit 204<sub>5</sub> of the second byte 202<sub>2</sub>. The power bit 212 is a flag that is set when a power source, such as a battery, in the transmitter of the keyboard or pointing device is below an acceptable operating level. Thus, the power bit 212 alerts a user that there is reduced range or an increase in the bit error rate (BER) due to low power. A reserved bit 214, which is the sixth bit 204<sub>6</sub> in the second byte 202<sub>2</sub>, is held constantly low, and is reserved for future use.--

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